

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-2022 (1-88)

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADVERTISEMENTS

AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
IND.	DEP.	IND.	DEP.	IND.	DEP.
1					
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TOTAL IND.	1				
TOTAL DEP.	12				
TOTAL CLAIMS	13				

AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
IND.	DEP.	IND.	DEP.	IND.	DEP.
51					
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TOTAL IND.					
TOTAL DEP.					
TOTAL CLAIMS					

CLAIMS

CLAIMS ONLY

APPLICANT(S)

09846706

FILING DATE

04-30-01